

**The 2010 Nebraska Hazardous Materials Symposium**  
**March 27th & 28th, 2010**  
**Pre Classes March 26th, 2010**

**Hastings Quality Hotel**  
**2205 Osborne Drive East**  
**Hastings, Nebraska**

*The Nebraska Hazmat Symposium was established to provide knowledge, skills and resources to deal with hazardous materials for all emergency responders, regardless of their level of training.*

Presented by:

**The Nebraska Hazardous Materials Association**



**[nebraskahazmat.org](http://nebraskahazmat.org)**

# Symposium Schedule

## Friday March 26th, 2010

8:30 am to 4:30 pm—Pre Symposium Sessions

**7:30 to 10:00 pm**

NHMA Annual Meeting — Terrace Room  
*Everyone is welcome to attend!*

## Saturday March 27th, 2010

**7:00 to 8:00 am — Registration**  
Breakfast served in the Courtyard

**8:00 to 12:00 pm — Breakout Sessions**

**12:00 to 1:00 pm — Lunch**

**1:00 to 5:00 pm — Breakout Sessions**

## Saturday Night

**7:30 to 9:00 pm**

**“Disasters & Desserts”**  
US Chemical Safety Board

## Sunday March 28th, 2010

**7:00 to 8:00 am — Breakfast - Courtyard**

**8:00 to 12:00 pm — Breakout sessions**

## Pre Symposium Classes Friday March 28<sup>th</sup>, 2010

### **HAZWOPER 8 hour Refresher**

**8:30 am to 4:30 pm**

Hazardous waste site workers and emergency response personnel that have completed Hazardous Waste Operations & Emergency Response (HAZWOPER) training at the Awareness, Operations or Technician levels are required by the Occupational Safety & Health Administration to participate in eight (8) hours of refresher training each year, to remain certified to work on hazardous materials sites. McKinzie Environmental instructor's present selected modules from our 40-Hour HAZWOPER training program or other training modules we have developed that meet the requirements of OSHA regulation Title 29, Code of Federal

Regulations, Section 1910.120(e) (8). The lists of topics include:

Hazardous Materials Regulations, Hazard Identification, toxicology

Chemistry and Chemical Hazards, Chemical and Incident References, Respiratory and Personal Protective Equipment, Medical Surveillance, Heat and Cold Stress, Instrumentation, Scene

Assessment and Safety Plans, Decontamination, Incident Management, Primary References,

Chemical Protective Clothing, Radiation, Site Characterization and Control, Trenching and Shoring,

Confined Space Entry, Small Container Handling, Hazard Evaluation, Case Study Reviews,

Mercury in the Environment & Methamphetamine Overview. **Lunch is included.**

Instructors: McKinzie Environmental Instructors

Cost: \$45.00 per student Class Limit: 30

### **New Technology Update—Haz MAT ID FTIR Refresher**

**9:00 am to 3:00 pm**

**Refresh** and expand how to use and maintain your HazMat ID / FTIR for optimal performance. Gain hands-on training and access to product experts. Learn about the latest, fastest, and most reliable detection and identification equipment for first response. See and experience new products for comprehensive threat assessment

Lunch **Provided by Smiths Detection**

Instructors: Bob Behrens & Dana VonKolen—Smiths Detection Cost: FREE

Class Limit: 30

## **Saturday, March 27th 8:00—5:00**

### **Hazmat IQ Four-Step System (8 hours) -**

Hazmat IQ is a revolutionary process that guides a Hazmat technician through a very simple four- step system beginning with a quick, 10-second chemical size-up based entirely on the chemical name. Then the research component is streamlined, allowing the responder to quickly and safely make decisions on what meters are appropriate and the proper level of PPE needed. This session is a must for any responder who has experienced hazmat information overload.

Cris Aguirre, Lt. Hazmat Unit, Miami-Dade Fire Rescue (FL);  
Joe Gorman, Hazardous Materials Technician, Fairfax County Fire and Rescue (VA)

Class Limit: 30 students

### **Anhydrous Ammonia Emergency Class (8 hours)**

In this class the PCS instructors will share their experience with firefighters, police, emergency medical workers and other public safety officials by providing information about Production of anhydrous ammonia, Rail car assessment, Valve arrangement, Potential leak sources, Corrective actions, and Decontamination protocol.

At the HAZMAT training rail car sessions, emergency response technicians from Potash Corp facilities teach safety procedures, inspection, and basic leak repair techniques. The participants get to try their hand at repairing simulated leaks on the training rail car. The car's interior allows participants to view the cut-away of valves, piping arrangements for liquefied compressed gases, acids and non-hazardous products.

Instructors: Potash Corporation

Class size is limited to 25 students per session

### **Gazing into your Crystal Ball (8 Hrs)**

Emergency response personnel must visualize the problem when responding to emergencies involving hazardous materials. Class addresses the task of predicting the behavior of the product and the container and their interaction under the conditions of the emergency.

The program will review the analysis processes and specifically discuss how to predict the behavior of the hazardous material - where it is likely to go, why it is likely to go there, how it will likely get there, when it will likely get there, and the harm it is likely to create when it does get there.

Instructor: Charlie Wright

Class Limit: 30 Students

## **Saturday, March 27th 8:00—5:00**

### **Pre hospital treatment of Chemical Burns (8 hours)**

Addresses the needs of the pre-hospital care personnel in caring for clients exposed to chemicals. The objectives of the course will give the participant a better understanding of chemicals, scene safety issues, decontamination concerns, assessment and initial treatment modalities for the client who has been injured.

The Chemical Burns Class qualifies for 7 EMS continuing education units as approved by the State of Nebraska HHS EMS program.

Instructors: St. Elizabeth Burn Center Staff

## **Saturday, March 27th 8:00—5:00**

## **Sunday, March 28th 8:00—12:00**

### **NIMS 400 - Advanced ICS Command & General Staff**

**(12 Hours)**

This course provides training on and resources for personnel who require advanced application of the Incident Command System (ICS). The target audience for this course is senior personnel who are expected to perform in a management capacity in an Area Command or Multi-agency Coordination Entity. This course expands upon information covered in ICS-100 through ICS-300 courses. This course will include but not be limited to: major and/or complex incident/event management, area command, and multi-agency coordination.

**Prerequisite:** • ICS-300 (Intermediate ICS)

#### **Course Objectives:**

- Explain how major incidents engender special management challenges.
- Describe the circumstances in which an Area Command is established.
- Describe the circumstances in which multi-agency coordination systems are established.

Instructors: Captain Robert Borer &  
Battalion Chief Pat Borer— Lincoln Fire & Rescue  
Class limit: 30 students

**Saturday, March 27th 8:00—5:00**  
**Sunday, March 28th 8:00—12:00**

**CAMEO - (12 Hours)**

This course is targeted at emergency responders and planners involved in planning for and responding to all-hazards emergency situations that may arise in their communities. It reviews the fundamental elements of the CAMEO Suite (i.e., ALOHA, MARPLOT, Land View, and CAMEOfm) and includes detailed technical information and hands-on practice of critical elements of the Suite.

To better understand how the programs interface, participants are provided opportunities to practice key CAMEO procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning

Instructors: EPA Region VII OSC

Class limit: 30 students

**Saturday Evening, March 27th**  
**7:30—9:30pm**

## **Disasters & Desserts General Session**

### **Albert City, Iowa Propane Incident & other CSB Investigations**

Join us for this general session and enjoy a piece of the Garden Café's famous desserts and a presentation by the United States Chemical Safety Board Member William Wright as he recounts some of the Chemical Safety Board's investigations including The Albert City, Iowa Propane Incident and other CSB investigations

Additional tickets may be purchased for \$2.00 at the registration room # 100

William Wright,  
United States Chemical Safety Board

## **Sunday March 28th 8:00am to 12:00pm**

### **IED Awareness (4 hours)**

This training will provide the participants an overview of IEDs. The course will include IED anatomy, types, response guidelines, and history.

Course Objectives –participants will be able to understand the history and designs of IEDs and their potential targets. Define IED and Distinguish major components of an IED. Describe the features of potential targets and recognize the different varieties of packaged-type IEDs, and secondary devices.

Instructor: Jud McKinstry: Nebraska State Patrol

### **Emergency Medical Victim Care in Haz Mat Exposure- 4 hours**

Participants will have the opportunity to provide care to a patient with symptoms of hazardous materials exposure using a human patient simulator. Equipment will be available for students to practice skills with the additional complications created by the extensive personal protective equipment to build assurance in the equipment and their training. All levels and types of responders welcome. This session has been approved by the State of Nebraska HHS EMS Program for 4 hours of continuing Education Credits (CEUs) for EMS recertification.

Instructors: Beth Beam MSN, RN & Stephen Smith— HEROES Mobile Simulation Unit—UNMC College of Nursing

### **DOT Awareness (4 hours)**

This class will cover basic trailer designs and features of tanker, bulk, hopper and multi compartment tankers as well as placarding requirements and shipping paper information. Also the requirements for haz mat transportation security as issued by the USDOT will be discussed. This training is good awareness level information for responders that may have calls involving commercial vehicles on state or federal highways in Nebraska. Resources such as the DOT ERG and the information available shall be covered in the training.

Instructor: Sergeant Brad Wagner -NSP Carrier Enforcement

## **Sunday March 28th 8:00am to 12:00pm**

### **Pluggin' & Patchin' & Overpackin' (4 hours)**

This hands on class will enable 1st responders to recognize, plan and deal with your most common types of leaks. Participants will be instructed on how to utilize various techniques for plugging, patching, and over packing different products and damaged containers. In addition to the practical applications, Instructors will be focusing on bridging the gap between classroom and real world applications. Responders will be introduced to the view of Over packing from the spiller, response contractor, and the disposal outlets that are left to dealing with the damaged over packed containers. Participants will be asked to involve in the hands on training and they should wear steel toe footwear, eye protection, and gloves or bunker gear.

Instructors: David Michael & Orlando Sanchez — Haz Mat Response

## ***NHMA Annual Awards***

Every year since its inception the Nebraska Hazardous Materials Association has given out two awards at the annual Nebraska Haz Mat Symposium. These awards are:

**Leadership Award** -This award is given to an individual who has taken a leadership role in Hazardous Materials response, education and safety

**Educator of the Year** - This award is given to an individual who has taken a leadership role in Hazardous Materials Education & in the past year.

If you would like to nominate a person or group for one of these awards, please submit your nomination via email, including at least one paragraph on why you feel this person deserves the award. Please send all your nominations to either:

Vice Chairperson Darin Clark at [clark3@inebraska.com](mailto:clark3@inebraska.com) or Past Chairperson Ron Eriksen at [REriksen@lincoln.ne.gov](mailto:REriksen@lincoln.ne.gov)

Please include NHMA Nominations in the subject line.

## ***SYMPOSIUM INFORMATION***

**REGISTRATION:** The registration fee is \$85 for non members or \$60 if you are a member of NHMA. Registration includes Symposium registration packet, breakfast, lunch, the general session on Saturday night, and breakfast on Sunday. One Day registration is \$45 and includes that day's activities and meals.

Send registrations via email (include NHMA registration on the subject line) to: clark3@inebraska.com or mail your registration and check payable to Nebraska Hazardous Materials Association to:

NHMA  
2205 Bateman St.  
Hastings, NE 68901

Federal Tax ID # 02-0760309

**REFUNDS:** Refund requests received before **March 20th** will be honored and a refund will be made. **There will be no refunds after March 20th.**

**CLASS SELECTION:** All classes will be filled on a first come, first serve basis. Please make a 1st & 2nd class choice, and all efforts will be made to get you in your first choice class. To ensure that you are enrolled in the class you are interested in, please register as soon as possible. NHMA is not a certifying organization and only offers these classes as an opportunity to learn. If you have any questions, please email Darin Clark at clark3@inebraska.com

### ***Hotel Accommodations***

#### **Hastings Quality Hotel:**

2205 Osborne Drive East  
(402) 463-6721.

A block of 35 rooms has been reserved until March 14th, 2010. Rates are \$62.95 (a 12% sales & lodging tax not included) per night. Reservations can be made by calling (402) 463-6721. Indicate that you are attending the Hazardous Materials Symposium.

#### **Hastings Holiday Inn Express**

3605 Cimarron Plaza  
(402) 463-8858

A block of rooms has been reserved until March 14th, 2010. Rates are \$70.00 (a 12% sales & lodging tax not included) per night. Reservations can be made by calling (402) 463-8858. Indicate that you are attending the Hazardous Materials Symposium

## **FAMILY FRIENDLY:**

NHMA strives to be a family friendly organization. From Indoor Waterslides, The Central Nebraska Children's Museum, YMCA, Pastime Lanes Family Fun Center, to the Lied Super screen Theater, there is something for everyone to do in Hastings. Ask about the "Things to Do in Hastings" information and discounted admissions to fun area attractions for you and your family when you register.

## **JOIN THE NEBRASKA HAZARDOUS MATERIALS ASSOCIATION**

The Nebraska Hazardous Materials Association (NHMA) draws upon the experience and expertise available from the public, industry, emergency response and regulatory agencies involved in the manufacturing, storage, transportation, disposal and public safety activities associated with hazardous materials. The NHMA is committed to providing opportunities for these groups and individuals to exchange information, share experiences, and learn in an open and amiable form for the benefit of all.

Memberships to the Nebraska Haz Mat Association include: NHMA publications and discounts to all NHMA seminars, workshops and conferences.

**Individual membership:** shall have voting privileges and be able to hold office within the association.

New Individual	<b>\$50.00</b>
Renewal	<b>\$40.00</b>

**Student:** Any Person in an accredited school studying any aspect of Hazardous Materials  
(Letter of verification needed) **\$20.00**

**Organization:** Private or Public, Unlimited members. (Please provide membership roster) **\$150.00**

If you join NHMA before April 1, 2010 you will receive the member discount for the symposium and save \$25.00 per person! Go to our website at **[www.nebraskahazmat.org](http://www.nebraskahazmat.org)** to print out the membership form, and send it along with your annual dues to:

NHMA  
2205 Bateman Street  
Hastings, Nebraska 68901-4248

# REGISTRATION

Fee: \$85.00 - Sat & Sun Registration  
\$60.00—NHMA Member (2 days)  
\$45.00—One Day Registration

Mail To: NHMA  
2205 Bateman Street  
Hastings, NE 68901

## Pre Symposium Classes - Fri. March 26th

8 Hr. HAZWOPER Refresher  
 Haz Mat ID FTIR Refresher—FREE

## Choose Your 1st & 2nd Choice Class - Sat. March 27th

Haz Mat IQ  
 Gazing Into Your Crystal Ball  
 Anhydrous Ammonia  
 Chemical Burns  
 NIMS 400 (2 day class)  
 CAMEO (2 day Class)

## Choose Your 1st & 2nd Choice Class—Sun. March 28th

IED  
 DOT Awareness  
 Emergency Medical Victim Care in Haz Mat Exposure  
 Pluggin', Patchin', & Overpackin'

Please Print:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Phone: \_\_\_\_\_ Zip \_\_\_\_\_

E-Mail: \_\_\_\_\_

Organization: \_\_\_\_\_